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 NEWS  2  JAN 02  STN pricing information for 2008 now available
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                  prophetic substances
 NEWS  4  JAN 28  USPATFULL, USPAT2, and USPATOLD enhanced with new
                  custom IPC display formats
 NEWS  5  JAN 28  MARPAT searching enhanced
 NEWS  6  JAN 28  USGENE now provides USPTO sequence data within 3 days
                  of publication
 NEWS  7  JAN 28  TOXCENTER enhanced with reloaded MEDLINE segment
 NEWS  8  JAN 28  MEDLINE and LMEDLINE reloaded with enhancements
 NEWS  9  FEB 08  STN Express, Version 8.3, now available
 NEWS 10  FEB 20  PCI now available as a replacement to DPCI
 NEWS 11  FEB 25  IFIREF reloaded with enhancements
 NEWS 12  FEB 25  IMSPRODUCT reloaded with enhancements
 NEWS 13  FEB 29  WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                  U.S. National Patent Classification
 NEWS 14  MAR 31  IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                  IPC display formats
 NEWS 15  MAR 31  CAS REGISTRY enhanced with additional experimental
                  spectra
 NEWS 16  MAR 31  CA/CAplus and CASREACT patent number format for U.S.
                  applications updated
 NEWS 17  MAR 31  LPCI now available as a replacement to LDPCI
 NEWS 18  MAR 31  EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS 19  APR 04  STN AnaVist, Version 1, to be discontinued

 NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

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FILE 'HOME' ENTERED AT 17:15:52 ON 09 APR 2008
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=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    0.21       0.21

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DICTIONARY FILE UPDATES:   8 APR 2008  HIGHEST RN 1012980-81-2

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http://www.cas.org/support/stngen/stndoc/properties.html

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Uploading C:\Program Files\Stnexp\Queries\10563361.str
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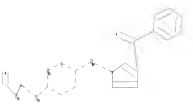

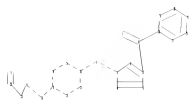

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chain nodes :
6  7  8  16  17  21  22  23
ring nodes :
1  2  3  4  5  10  11  12  13  14  15  26  27  28  29  30  31
chain bonds :
2-6  5-8  6-26  6-7  8-10  13-16  16-17  17-21  21-22  22-23
ring bonds :
1-2  1-5  2-3  3-4  4-5  10-11  10-15  11-12  12-13  13-14  14-15  26-27  26-31
27-28  28-29  29-30  30-31
exact/norm bonds :
1-2  1-5  2-3  2-6  3-4  4-5  5-8  6-26  6-7  8-10  10-11  10-15  11-12  12-13
13-14  13-16  14-15  16-17  17-21  21-22  22-23
normalized bonds :
26-27  26-31  27-28  28-29  29-30  30-31
isolated ring systems :
containing 1 : 26 :


G1:C,O,S,N

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:CLASS  7:CLASS  8:CLASS  10:Atom  11:Atom
 12:Atom  13:Atom  14:Atom  15:Atom  16:CLASS  17:CLASS  21:CLASS  22:CLASS
23:CLASS  26:Atom  27:Atom  28:Atom  29:Atom  30:Atom  31:Atom
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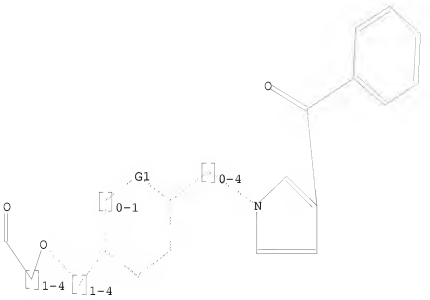
L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,O,S,N

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 17:16:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 748 TO ITERATE

100.0% PROCESSED 748 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 13320 TO 16600
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 17:16:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 15374 TO ITERATE

100.0% PROCESSED 15374 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	178.36	178.57

FILE 'CAPLUS' ENTERED AT 17:16:33 ON 09 APR 2008
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FILE COVERS 1907 - 9 Apr 2008 VOL 148 ISS 15
FILE LAST UPDATED: 8 Apr 2008 (20080408/ED)

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=> s l3 full
L4 3 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:700231 CAPLUS
DOCUMENT NUMBER: 145:167259
TITLE: Preparation of heterocyclic derivatives as PPAR α and PPAR γ agonists
INVENTOR(S): Takahashi, Yoko; Nagata, Ryu; Ushiroda, Kantaro
PATENT ASSIGNEE(S): Dainippon Sumitomo Pharma Co., Ltd., Japan
SOURCE: PCT Int. Appl., 195 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006075638	A1	20060720	WO 2006-JP300248	20060112
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1837329	A1	20070926	EP 2006-702664	20060112
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
PRIORITY APPLN. INFO.:			JP 2005-6950	A 20050114
			WO 2006-JP300248	W 20060112

OTHER SOURCE(S): MARPAT 145:167259
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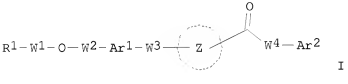


I

AB The title compds. I [the ring Z is an optionally substituted heteroaryl; W4 is a single bond, lower alkylene, lower alkenylene, etc., Ar2 is an optionally substituted aryl, optionally substituted heteroaryl; W3 is a single bond, lower alkylene, lower alkenylene, etc.; Ar1 is an optionally substituted arylene, optionally substituted heteroarylene; each of W1 and W2 is an optionally substituted lower alkylene, optionally substituted lower alkenylene; and R1 is carboxyl, an alkoxycarbonyl, optionally substituted carbamoyl, etc.] are prepared Thus, 2-methyl-2-[(4-((1Z)-3-[2-(4-methylbenzoyl)-1H-pyrrol-1-yl]prop-1-en-1-yl)benzyl)oxy]propionic acid was prepared in a multistep process starting from 1-benzenesulfonyl-1H-pyrrole and p-toluoyl chloride. The PPAR α and PPAR γ agonist activities of compds. of this invention at 10μM were demonstrated.

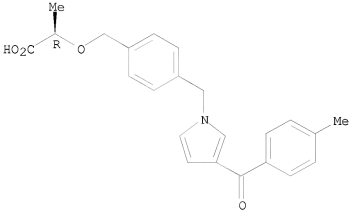
IT 900182-33-4P 900182-63-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclic derivs. as PPAR α and PPAR γ agonists)

RN 900182-33-4 CAPLUS

CN Propanoic acid, 2-[[4-[[3-(4-methylbenzoyl)-1H-pyrrol-1-yl]methyl]phenyl]methoxy]-, (2R)- (CA INDEX NAME)

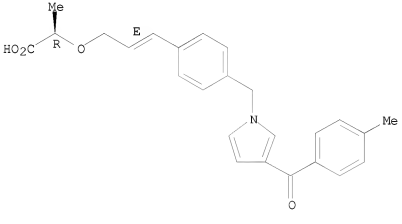
Absolute stereochemistry.



RN 900182-63-0 CAPLUS

CN Propanoic acid, 2-[[(2E)-3-[4-[[3-(4-methylbenzoyl)-1H-pyrrol-1-yl]methyl]phenyl]-2-propen-1-yl]oxy]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:677588 CAPLUS
DOCUMENT NUMBER: 145:124570
TITLE: Preparation of 2-benzoylpyrrole, 2-benzoylimidazole, 2-benzoylbenzimidazole derivatives and related compounds for treatment or prevention of hyperlipidemia, arteriosclerosis, and/or metabolic syndrome
INVENTOR(S): Nagano, Tomokazu
PATENT ASSIGNEE(S): Dainippon Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 181 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006182668	A	20060713	JP 2004-375862	20041227
PRIORITY APPLN. INFO.:			JP 2004-375862	20041227
OTHER SOURCE(S):	MARPAT 145:124570			

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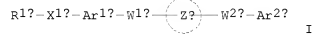

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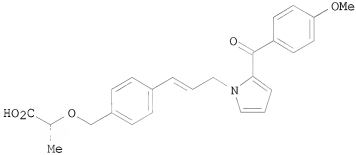


II

AB The title compds. [e.g. I; Zb = (un)substituted pyrrole, pyrazole, imidazole, triazole, indole, indazole, or benzimidazole; W2b = a single bond, SO, SO2, (un)substituted CONH or SO2NH, (un)substituted C1-4 alkylene, C2-4 alkenylene, or C2-4 alkynylene optionally two H atoms of methylene group substituted with O to form a CO group; Ar1b, Ar2b = (un)substituted aryl or heteroaryl; W1b = (un)substituted C1-5 alkylene, C2-5 alkenylene, or C2-5 alkynylene, -Yb-W3b- (Yb = O, S, (un)substituted NH; W3b = (un)substituted C1-4 alkylene, C2-4 alkenylene, or C2-4 alkynylene), etc.; X1b = SO2, OCO2, SO2O, (un)substituted CONHSO2, NHSO2, NHCO, SO2NHCO, SO2NH, CONH, OCONH, NHCONH, or NHC(NH2):N-, etc.; R1b = CO2H, alkoxycarbonyl, (un)substituted CONH2, cyclic aminocarbonyl, alkylsulfonylcarbamoyl, arylsulfonylcarbonyl, or heteroarylsulfonylcarbonyl, tetrazolyl, 2,4-dioxooxazolidin-5-yl, etc.] are prepared These compds. are agonists (activators) of PPARα and/or PPARγ and not only improve hyperglycemia but also possess lipid improving activity such as improving hypertriglyceridemia and increasing HDL cholesterol. They are useful for the treatment or prevention of

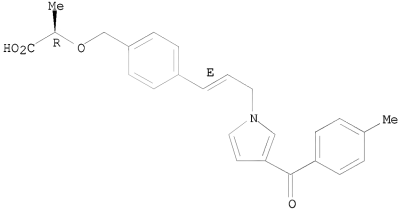
hyperlipidemia, arteriosclerosis, and/or the metabolic syndrome. For example, compound (II).Na activated human PPARα and human PPARγ by 15.1 and 7.0%, resp., at 10 μM. When it was administered to mice at 30 mg/kg for 2 wk p.o., it lowered blood sugar and triglyceride by 70 and 89%, resp., and increased HDL by 41%.

IT 840502-82-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-benzoylpyrrole, 2-benzoylimidazole, 2-benzoylbenzimidazole derivs. and related compds. for treatment or prevention of hyperlipidemia, arteriosclerosis, and/or metabolic syndrome)

RN 840502-82-1 CAPLUS

CN Propanoic acid, 2-[[4-[(1E)-3-[3-(4-methylbenzoyl)-1H-pyrrol-1-yl]-1-propenyl]phenyl]methoxy]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:120880 CAPLUS
DOCUMENT NUMBER: 142:219144
TITLE: Preparation of benzoylpyrrole derivatives as PPAR agonist
INVENTOR(S): Watanabe, Ken-ichi; Maruta, Katsunori; Ushiroda, Kantaro; Nagata, Ryu
PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan
SOURCE: PCT Int. Appl., 121 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012245	A1	20050210	WO 2004-JP10282	20040713
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2531064	A1	20050210	CA 2004-2531064	20040713
EP 1647546	A1	20060419	EP 2004-747746	20040713
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
US 20060194857	A1	20060831	US 2004-563361	20040713
CN 1849303	A	20061018	CN 2004-80026235	20040713
IN 2006CN00142	A	20070629	IN 2006-CN142	20060112
MX 2006PA00539	A	20060330	MX 2006-PA539	20060113
PRIORITY APPLN. INFO.:			JP 2003-274684 A	20030715
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OTHER SOURCE(S): MARPAT 142:219144
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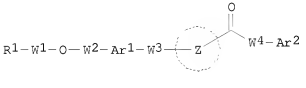

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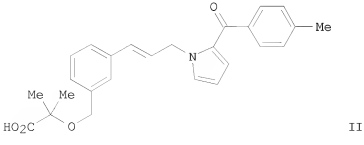


II

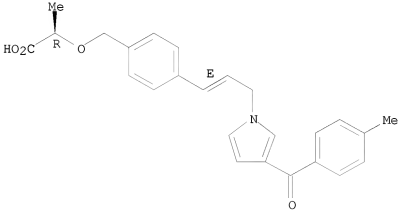
AB Title compds. represented by the formula I [wherein ring Z = (un)substituted heteroaryl; R1 = carboxyl, alkoxycarbonyl, (un)substituted carbamoyl, etc.; W1, W2 = independently (un)substituted alkyl; Ar1 = (un)substituted (hetero)arylene; W3 = single bond, alkylene, alkenylene or Y1W5; Y1 = O, S, SO or SO2; W5 = alkylene or alkenylene; W4 = single bond, amino(alkylene), alkylene, alkenylene; Ar2 = (un)substituted (hetero)aryl; their prodrugs, and pharmaceutically acceptable salts thereof] were prepared as PPARα and PPARγ agonist. For example, II was given in a multi-step synthesis starting from Me 2-hydroxyisobutyrate. Selected I showed agonic activity of PPARα and PPARγ, and were tested for lowering blood sugar effect. Thus, I are useful as PPARα and PPARγ agonists for the treatment of diabetes.

IT 840502-82-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzoylpyrrole derivs. as PPAR agonist for treatment of diabetes)

RN 840502-82-1 CAPLUS

CN Propanoic acid, 2-[[4-[(1E)-3-[3-(4-methylbenzoyl)-1H-pyrrol-1-yl]-1-propenyl]phenyl]methoxy]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    16.83     195.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.40      -2.40

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